

WHAT IS CLAIMED IS:

1. A method for displaying an on-screen display (OSD) image in a compound video device, the compound video device including first and second video devices of different types, the method comprising the steps of:

a) separately storing a first type of OSD data for the first type of video device and a second type of OSD data for the second type of video device in one memory device; and

b) selecting and reading any one of the first type of OSD data and the second type of OSD data stored in said memory in a corresponding operation mode of said first video device or an operation mode of said second video device to output an OSD image.

2. The method as set forth in claim 1, wherein said step a) includes separately storing the first type of OSD data and the second type of OSD data in one flash memory device.

3. The method as set forth in claim 1, wherein a first microcomputer is connected to the first type of video device and a second microcomputer is connected to the second type of video device, and wherein when the device is operating in the first video device operation mode, said step b) includes the steps of:

selecting and reading said first type of OSD data separately stored in said memory using the second microcomputer connected with the second type of video device; and

communicating the first type of OSD data from the second microcomputer to the first microcomputer connected with the first type of video device.

4. The method as set forth in claim 1, wherein when the device is operating in the second video device operating mode, said step b) includes selecting and reading said second type of OSD data separately stored in said memory to output/display said OSD image.

5. The method as set forth in claim 1, wherein said first video device is a video cassette recorder (VCR) and said second video device is a digital versatile disc (DVD) player.

6. The method as set forth in claim 1, wherein the step a) comprises:
storing text used for menu items of an OSD for the first type of video device in a first portion of the memory; and
storing image data used in an OSD for the second type of video device in a second portion of the memory.

7. The method as set forth in claim 1, further comprising the steps of converting an analog signal from said first video device into a digital signal with said second video device.

8. The method as set forth in claim 7, further comprising overlapping OSD graphic image corresponding to said first video device selected and read from said memory with the converted digital signal to generate a display signal.

9. The method as set forth in claim 1, wherein the step a) comprises:
storing image data used for an OSD for the first type of video device in a first portion of the memory; and
storing image data used for an OSD for the second type of video device in a second portion of the memory.

10. An apparatus for displaying an OSD image in a compound video device, the compound video device including first and second video devices of different types, the apparatus comprising:

a single memory device having stored therein both a first type of OSD data used by the first video device and a second type of OSD data used by the second video device;

a first signal processor configured to read the first type of OSD data stored in the memory and to output an OSD image when the apparatus is operating in a first video device operation mode;

a second signal processor configured to read the second OSD data stored in the memory and to output an OSD image when the apparatus is operating in a second video device operation mode.

11. The apparatus as set forth in claim 10, wherein said first video device is a VCR and said second video device is a DVD player.

12. The apparatus as set forth in claim 10, wherein said memory is a flash memory configured to separately store said first type of OSD data and said second type of OSD data.

13. The apparatus of claim 10, wherein the first type of OSD data is text data for an OSD of the first video device and the second type of OSD data is graphic image data for the second video device.

14. The apparatus as set forth in claim 10, wherein said memory includes:
a first area for storing a plurality of OSD graphic images and OSD graphic image information used by the second video device; and
a second area for storing a plurality of OSD text data and OSD text data information used by the first video device.

15. The apparatus as set forth in claim 10, wherein said apparatus further comprises:
a first microcomputer for controlling components corresponding to said first video device; and
a second microcomputer for controlling components corresponding to said second video device.

16. The apparatus as set forth in claim 15, wherein said first microcomputer is adapted to select and read said first type of OSD data separately stored in said memory via an interface with said second microcomputer.

17. The apparatus as set forth in claim 15, wherein said second microcomputer is adapted to select and read said second type of OSD data separately stored in said memory.

18. An apparatus for displaying an OSD image in a compound video device, the compound video device including first and second video devices of different types, the apparatus comprising:

a single memory device having stored therein both a first type of OSD data used by the first video device and a second type of OSD data used by the second video device;

a first signal processor of the first video device configured to output an analog image signal; and

a second signal processor of the second video device configured to output a digital image signal, wherein the second signal processor is also configured overlap the first type of OSD data read from the memory with an image signal from the first video device to produce an output image signal.

19. The apparatus as set forth in claim 18, wherein the second signal processor is also configured to convert the analog image signal produced by the first signal processor into a digital image signal.

20. The apparatus as set forth in claim 18, wherein said first video device is a VCR and said second video device is a DVD player.

21. The apparatus as set forth in claim 18, wherein said memory is a flash memory configured to separately store said first type of OSD data and said second type of OSD data.

22. The apparatus as set forth in claim 18, wherein both the first type of OSD data and the second type of OSD data comprises image data.

23. A method for displaying an on-screen display (OSD) image in a compound video device, the compound video device including first and second video devices of different types, the method comprising the steps of:

separately storing first OSD image data for the first type of video device and second OSD image data for the second type of video device in one memory device;

overlapping an image signal from the first type of video device with the first OSD image data using a signal processor of the second video device to produce an output image signal.

24. The method as set forth in claim 23, wherein the first video device outputs an analog image signal, and further comprising converting the analog image signal from the first video device into a digital image signal using the signal processor of the second video device.

25. The method as set forth in claim 24, wherein the signal processor of the second video device overlaps the first OSD image data with the converted digital image signal to produce the output image signal.